FOIL and Factor solution (version 112)

FOIL the expressions shown below:

1. $(x+5)(x+1)$

$$x^2 + 6x + 5$$

2. $(x-1)(x-4)$

$$x^2 - 5x + 4$$

3. $(x-5)(x-6)$

$$x^2 - 11x + 30$$

4. $(x-1)(x-9)$

$$x^2 - 10x + 9$$

5. $(x-9)(x-5)$

$$x^2 - 14x + 45$$

Factor the expressions shown below:

6. $x^2 + 3x - 18$

$(x - 3)(x + 6)$

7. $x^2 + x - 2$

$(x - 1)(x + 2)$

8. $x^2 + 8x + 15$

$(x + 5)(x + 3)$

9. $x^2 - 11x + 28$

$(x - 4)(x - 7)$

10. $x^2 - 3x - 18$

$(x + 3)(x - 6)$